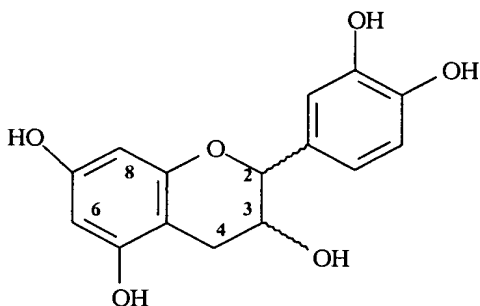


## IN THE CLAIMS:

Claims 1-33 (Cancelled)

34. (New) A method of anti-platelet therapy or prophylaxis comprising administering to a subject in need thereof an effective amount of a procyanidin oligomer comprising from 2 to 18 monomeric units of the following formula:

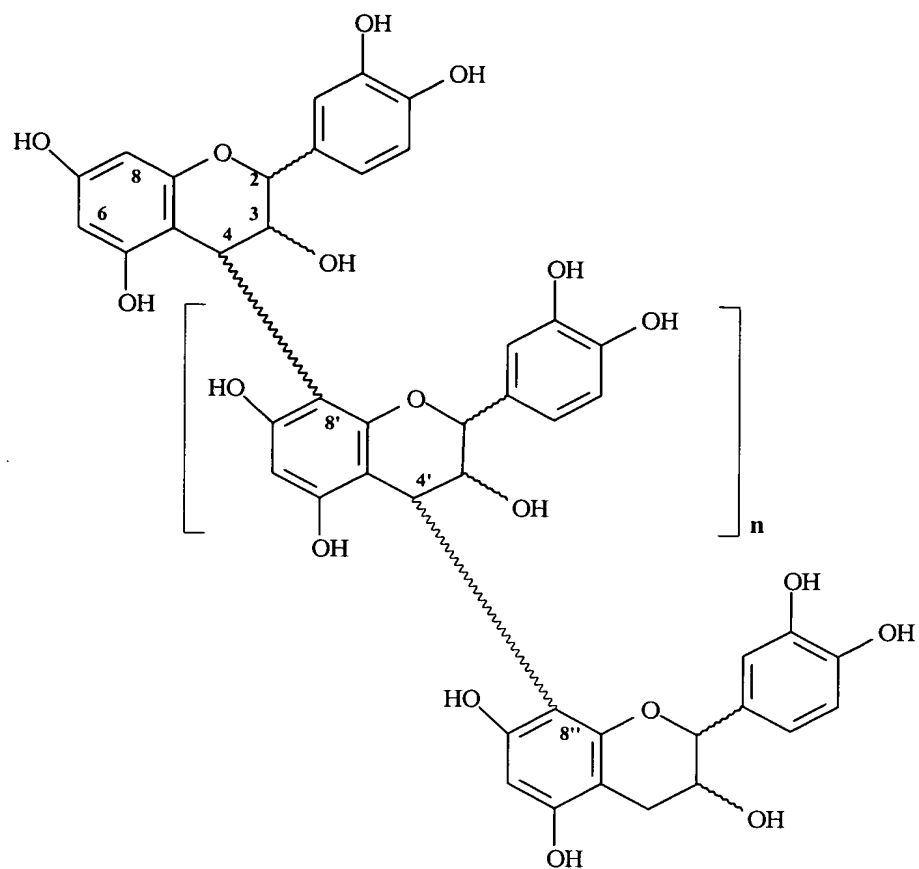


or a derivative thereof;

wherein the monomeric units are connected via interflavan linkages 4→6 and/or 4→8, and the subject is a human or a veterinary animal.

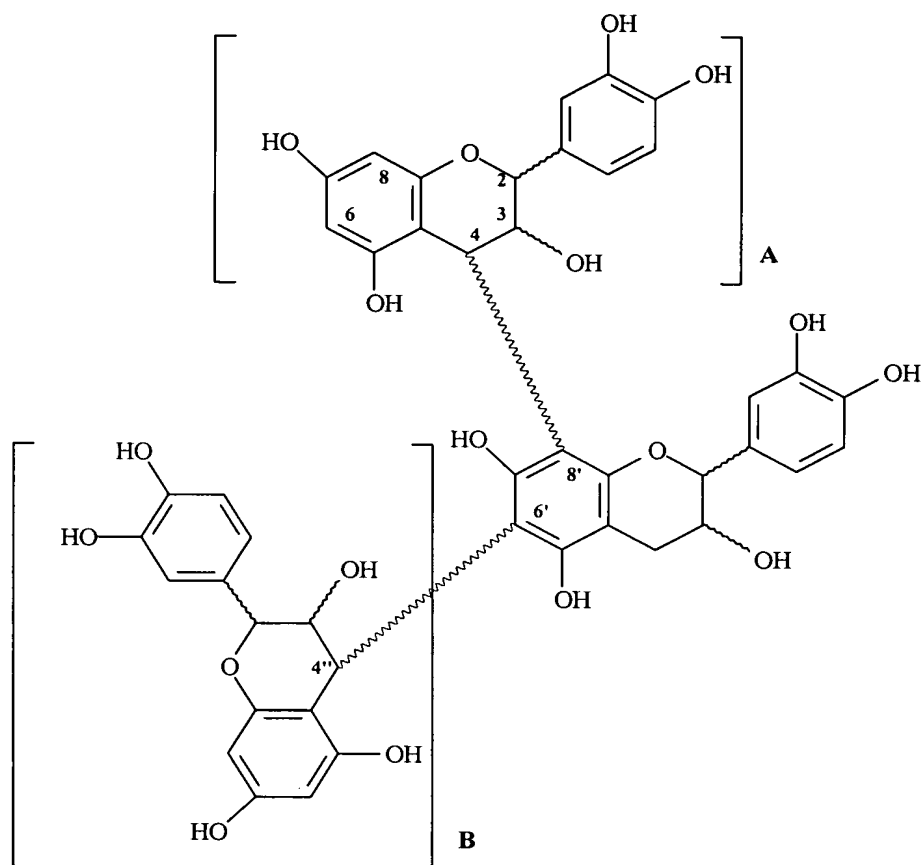
35. (New) The method of claim 34, wherein the derivative is a gallated procyanidin oligomer.
36. (New) The method of claim 34, wherein the procyanidin oligomer comprises from 3 to 12 monomeric units.
37. (New) The method of claim 34, wherein the procyanidin oligomer comprises from 2 to 5 monomeric units.
38. (New) The method of claim 34, wherein the procyanidin oligomer comprises 2 monomeric units.

39. (New) The method of claim 34, wherein the procyanidin oligomer has the formula:



and n is 0 to 16.

40. (New) The method of claim 34, wherein the procyanidin oligomer has the formula:



wherein A and B are independently oligomers having 1 to 15 monomeric units, and the total number of monomeric units in the procyanidin oligomer is 3 to 18.

41. (New) The method of claim 34, wherein the subject is a human.
42. (New) The method of claim 35, wherein the subject is a human.
43. (New) The method of claim 36, wherein the subject is a human.
44. (New) The method of claim 37, wherein the subject is a human.

45. (New) The method of claim 38, wherein the subject is a human.
46. (New) The method of claim 39, wherein the subject is a human.
47. (New) The method of claim 40, wherein the subject is a human.
48. (New) The method of claim 41, wherein the human suffers from atherosclerosis.
49. (New) The method of claim 42, wherein the human suffers from atherosclerosis.
50. (New) The method of claim 43, wherein the human suffers from atherosclerosis.
51. (New) The method of claim 44, wherein the human suffers from atherosclerosis.
52. (New) The method of claim 45, wherein the human suffers from atherosclerosis.
53. (New) The method of claim 46, wherein the human suffers from atherosclerosis.
54. (New) The method of claim 47, wherein the human suffers from atherosclerosis.
55. (New) The method of claim 41, wherein the human is at risk of atherosclerosis.
56. (New) The method of claim 42, wherein the human is at risk of atherosclerosis.
57. (New) The method of claim 43, wherein the human is at risk of atherosclerosis.
58. (New) The method of claim 44, wherein the human is at risk of atherosclerosis.
59. (New) The method of claim 45, wherein the human is at risk of atherosclerosis.

60. (New) The method of claim 46, wherein the human is at risk of atherosclerosis.
61. (New) The method of claim 47, wherein the human is at risk of atherosclerosis.
62. (New) The method of claim 34, wherein the procyanidin oligomer is administered with a pharmaceutically acceptable carrier.
63. (New) The method of claim 34, wherein the procyanidin oligomer is in a food composition.
64. (New) The method of claim 34, wherein the procyanidin oligomer is in a dietary supplement composition.
65. (New) The method of claim 36, wherein the procyanidin oligomer is administered with a pharmaceutically acceptable carrier.
66. (New) The method of claim 36, wherein the procyanidin oligomer is in a food composition.
67. (New) The method of claim 36, wherein the procyanidin oligomer is in a dietary supplement composition.
68. (New) The method of claim 37, wherein the procyanidin oligomer is administered with a pharmaceutically acceptable carrier.
69. (New) The method of claim 37, wherein the procyanidin oligomer is in a food composition.

70. (New) The method of claim 37, wherein the procyanidin oligomer is in a dietary supplement composition.
71. (New) The method of claim 38, wherein the procyanidin oligomer is administered with a pharmaceutically acceptable carrier.
72. (New) The method of claim 38, wherein the procyanidin oligomer is in a food composition.
73. (New) The method of claim 38, wherein the procyanidin oligomer is in a dietary supplement composition.